







## **Advanced X-ray - Gratings Observatory**

## **Mission Block Diagram**

**Showing Space, Launch, and Ground Segment Elements and Interfaces** 

**Revision** Interface Color-Date:

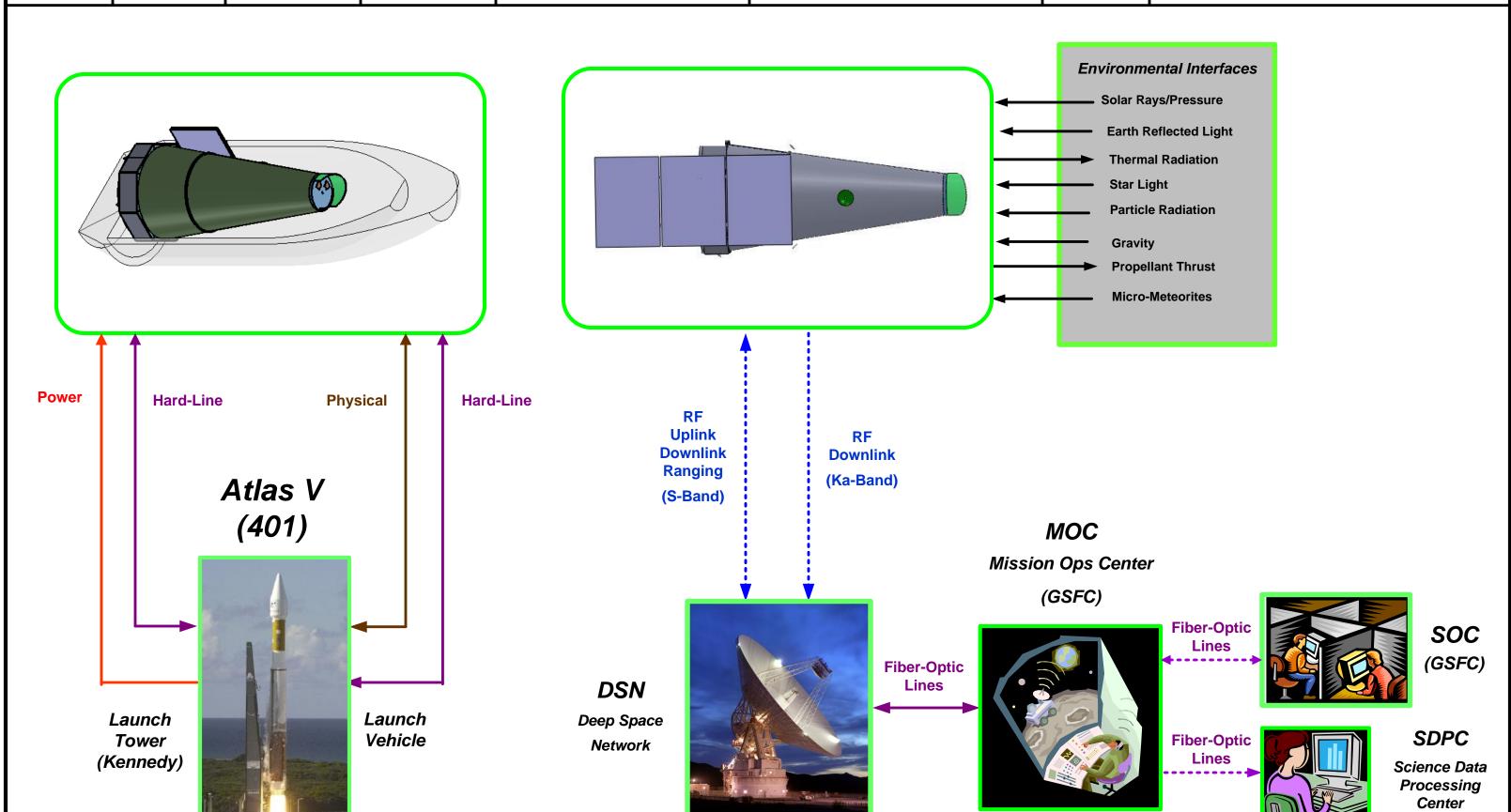
22 Mar 2012

Coding Ву Туре **Power Lines** Mechanical **RF Interfaces** 

C3I Hard-Lines

(Data, Control, Monitor, Timing)

(GSFC)









(S-Band)



(Ka-Band)

DSN

Deep Space Network

Advanced X-ray - Gratings
Observatory

Observatory Electrical Block
Diagram

Revision Date:

19 Mar 2012

Interface Color-Coding

Ву Туре

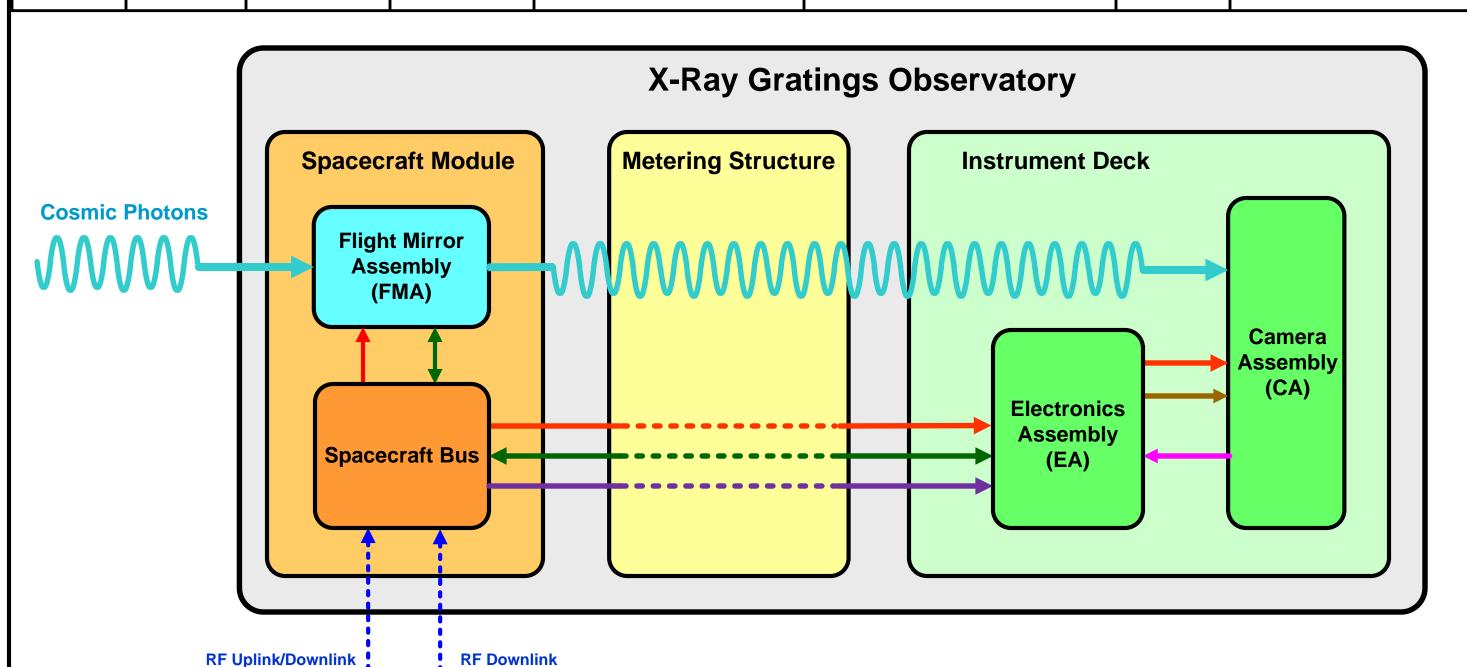
**Power Lines** 

Mechanical

RF Interfaces

C3I Hard-Lines

(Data, Control, Monitor, Timing)



Functional Interface Color-Coding Key (By Type)

Electrical Power Lines

Digital Data Lines

Analog Signal Lines

Timing Signal Lines

Actuation Current Lines

RF Telecom Channels









**Advanced X-ray - Gratings Observatory** 

**Instrument Deck Electrical Block Diagram** 

**Revision** Date:

22 Mar 2012

Interface Color-Coding

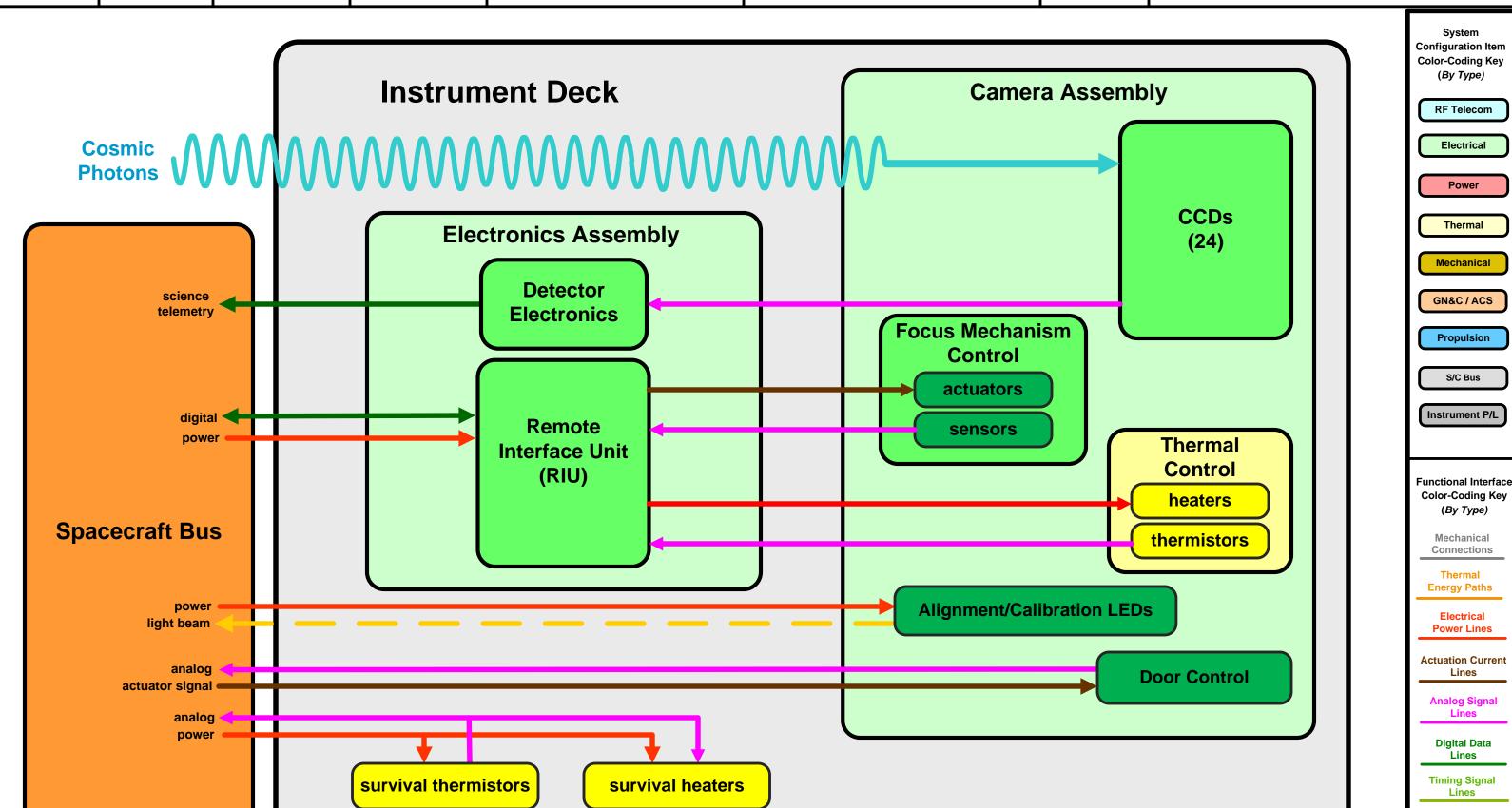
Ву Туре

Mechanical

**Power Lines** 

**RF Interfaces** C3I Hard-Lines

(Data, Control, Monitor, Timing)



**Configuration Item** Color-Coding Key

Color-Coding Key

Connections

**RF Telecom** Channels









## Advanced X-ray - Gratings Observatory

## Spacecraft Bus Module Schematic Diagram

**Showing Spacecraft Bus Sub- Modules, Subsystems, and Units** 

Revision Date:

22 Mar 2012

